

CEREDIGION (VC46) RARE PLANT REGISTER

1. Vascular Plants and Stoneworts

A O Chater
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INTRODUCTION

The present edition of this Register updates the last one of April 1997, and includes two major changes in format. Only records since 1970, rather than 1950, are now included, and in the Appendix all natives believed to have become extinct since 1800, rather than 1950, are given and all their sites are listed.

The history of the Register from its inception in 1978 by D Glyn Jones (then the NCC's Assistant Regional Officer in Ceredigion) and A O Chater (BSBI County Recorder) has been related in previous editions. The original format, refined chiefly by A D Fox and A P Fowles, was extensively revised for the 1995 edition by A D Hale (CCW's Area Ecologist). This Register is now complemented by one for bryophytes (Hale 2001).

Data sorting and formatting were carried out by A D Hale using the 'Excel' computer spreadsheet package. The data are retained in this package to facilitate updating for future editions. The spreadsheet can also be used in a limited way as a 'searchable' database, and the data can be sorted in various ways other than by species name (eg by site name or site status). Consideration was given to using the species recording database package Recorder, but Excel was preferred in this instance for presentational reasons as the main aim was to produce an easily accessible and disseminable hard-copy version. The Register has also been put onto the Mapinfo GIS held by CCW, and it is hoped that the site details presented on the GIS will soon be further refined.

Two chief categories of records are included in the Register: 1) nationally threatened, localised and protected species, including Nationally Scarce species, defined according to the lists in Hodgetts, Palmer & Wigginton (1996), along with the Key Species for Biodiversity in the UK, defined according to the lists in Anon. (1996); and 2) species occurring in 3 or fewer "Wells sites" (see definition in Legend). *Hieracium* is included in the latter category, but not the apomictic species of *Rubus* and *Taraxacum* as their distributions in Ceredigion are still inadequately known. Several other categories are included to make the Register more useful: 3) uncommon species not in the above categories but nevertheless useful as habitat indicators or otherwise of special interest in Ceredigion; 4) some of the rarer hybrids about which information is available; 5) the rarer subspecies; and 6) naturalised species of particular interest provided their habitats are reasonably permanent. Native species (and a few archaeophytes, i.e. species introduced into Britain before 1500) believed to have become extinct since 1800 are included in an Appendix.

It cannot be too strongly emphasised that most of the sites listed in this Register are on private land and should not be visited without permission from the owners or tenants. Many of the localities for rare plants in Ceredigion are notified as Sites of Special Scientific Interest (SSSI) and, in order to maintain the good relationships between the owners and CCW, the District Officers for Ceredigion should be consulted at the West Wales Area Office of CCW at Aberystwyth (Tel: 01970 821100) before any of these sites are visited. Now that the collection of rare plants is largely a thing of the past, the chief threat to the species in this Register is from unwitting destruction of their habitats. The more that landowners and other informed and sympathetic people are aware of the local and national interest of these sites, the more chance there should be that the species listed here will be appreciated and will survive, or even become common enough to be removed from future editions of the Register.

Details of most of the records summarised in the Register, including acknowledgements to the many recorders, can be found in the numbers of the *BSBI Welsh Bulletin*.

IMPLICATIONS FOR CONSERVATION

The degree to which the nationally threatened, localised and protected species in Ceredigion are represented in formally conserved and statutory sites remains much as in the 1997 edition. Of the 142 RDB, Nationally Scarce and 3-site Ceredigion species, 69% are currently in statutorily conserved sites (NNRs or SSSI).

Our RDB species now number three. Only one, *Trichomanes speciosum*, is in a statutorily conserved site, its sporophyte occurring in a NNR; its gametophyte however is known from 36 sites (12 of which are statutorily conserved, and four more are on National Trust land), but doubtless occurs in many more. The sites for *Limonium britannicum* and *Ranunculus tripartitus* are currently unprotected.

Our Nationally Scarce species now number 33, one more than in 1997, and 76% of them occur in statutorily protected sites (although only 48% of the actual sites in which they occur are statutorily conserved, a drop of 2% following on the previous drop of 7%). It should be noted that the Register can give an over-optimistic view of how well some species are being protected, as it does not indicate the size of populations, and because where NNR or SSSI are indicated, much of the population may be outside the conserved area (as with *Asplenium septentrionale*, where at Cwmsymlog a thousand plants, or 77% of the population, are outside the SSSI).

The recent notification of the Afon Teifi and several of its tributaries as an SSSI has improved the protection status of several Nationally Scarce species, and three of the eleven sites for *Rorippa islandica* are now included. Seven other Nationally Scarce species have no statutory protection. The most important of these is perhaps *Sibthorpia europaea*, whose three Ceredigion sites are its most northerly sites in Britain and all are vulnerable. Of the others, *Circaeal alpina* is the most important but its single site is not under threat, *Erodium moschatum* and *Silene gallica* are in three sites each, and *Gymnocarpium robertianum* (well looked after by the Forestry Commission), *Melittis melissophyllum* (orphaned as Coed Cwm-du is no longer a WTW Reserve) and *Thlaspi caerulescens* are in one each.

Of the other rare, 3-site (but not Nationally Scarce) species not in any formally conserved sites, the most significant are *Antennaria dioica*, *Asplenium viride*, *Carex pseudocyperus*, *Cladium mariscus*, *Cuscuta epithymum*, *Neottia nidus-avis*, *Ranunculus sardous*, *Rosa obtusifolis*, *R. rubiginosa* and *R. stylosa*. *Crepis paludosa* is now in an SSSI. Some of these species, though, are common in other parts of Britain, and it is species that are nationally or globally rare, but disproportionately common in Ceredigion, that are probably the most important for us to conserve. These include most notably the RDB or Nationally Scarce species *Asplenium septentrionale*, *Elatine hexandra*, *Hypericum undulatum*, *Isoetes echinospora*, *Luronium natans*, *Orobanche hederae*, *O. rapum-genistae*, *Rorippa islandica* and *Sedum forsterianum*, as well as other species not on these lists such as *Vicia orobus*. One plant on the Scarce Species list, *Euphrasia rostkoviana* subsp. *rostkoviana*, is actually too widespread in Ceredigion for it to be practical to list all its sites. The same happily applies to several Key Species for Biodiversity: *Hyacinthoides non-scripta*, *Ulex gallii*, *Ranunculus hederaceus* and the Teifi and Aeron sites for *Ranunculus penicillatus* subsp. *penicillatus*.

The 1970 cut-off date for records in this Register conceals the extent of some of the losses. *Antennaria dioica* is now in only one site, but between 1800 and 1970 had been recorded from at least a dozen other sites. There are, however, few other cases as bad as this. Increased recording in recent decades makes it difficult to be certain which species have declined; as an example, *Vicia orobus* had been recorded for 16 tetrads before 1950 and for 23 since.

STONEWORTS

These are included in the same style as the vascular plants, and further information can be found in Stewart (1977, 1999) and in Stewart & Church (1992).

EXTINCT SPECIES

Ceredigion is fortunate in having lost fewer of its good sites and species than many other counties of Britain. Using the criteria of Preston (2000), whereas Cambridgeshire has lost 13% of its native species, and Middlesex 18%, Ceredigion has lost only 4% (and this is probably an overestimate).

Of the seven species in the 1997 Register believed to have become extinct in Ceredigion since 1950, *Valeriana dioica* has now been found in an entirely new site. The list of extinct species has been extended in the present Register to include all natives believed to have become extinct since recording began, in effect since 1800. In many ways this list is unsatisfactory, as some of the original records were doubtful and were often inadequately localised. *Parnassia* and *Silene conica* may well never have occurred here, and the record of *Rorippa microphylla* is minimal in every respect. The one really significant extinction of a native species is that of *Gentianella campestris*, gone from 16 sites presumably at least partly because of the loss or deterioration of good semi-natural habitats. *Dianthus armeria* and *Pilularia*, the former RDB and the latter Nationally Scarce as well as a Key Species for Biodiversity, have been lost for reasons unknown, as one site for each remains much as it was when the species occurred there. *Blysmus rufus*, *Paris* and *Viola*

reichenbachiana are among those especially worth trying to refind as their sites too remain largely unchanged.

STATISTICAL SUMMARY

Summary of records of vascular plants as natives of Nationally Scarce and RDB species, and of those species occurring as natives in three or fewer Wells sites in Ceredigion. (The numerous records of the still under-recorded *Euphrasia rostkoviana* subsp. *rostkoviana*, the *Trichomanes speciosum* gametophyte, and *Hieracium*, *Rubus* and *Taraxacum* microspecies are omitted from these statistics.)

Total species (as defined above)	142
Species in formally conserved sites	103 (73%)
Species in statutory sites (SSSI, NNR)	98 (69%)
Nationally Scarce species	33
NS species in formally conserved sites	26 (79%)
NS species in statutory sites	25 (76%)
RDB species	3
RDB species in statutory sites	1 (33%)
Wells sites of all species	344
Wells sites in formally conserved sites	193 (56%)
Wells sites in statutory sites	178 (52%)
Wells sites of Nationally Scarce species	131
Wells sites of NS species in formally conserved sites	66 (50%)
Wells sites of NS species in statutory sites	63 (48%)
Native species believed to have become extinct since 1800	27
Ditto since 1950	14
Ditto since 1970	7

Of the 769 species currently extant in Ceredigion as natives, about 660 (86%) occur in NNRs or SSSIs.

Add to REFERENCES:

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Stewart, A., Pearman, D.A. & Preston, C.D. (1994). *Scarce Plants in Britain*. JNCC, Peterborough.

Preston, C.D. (2000). Engulfed by suburbia or destroyed by the plough: the ecology of extinction in Middlesex and Cambridgeshire. *Watsonia* 23: 59-81.

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VASCULAR PLANTS

Acer campestre (Field Maple) (Native sites only)	3	593798 594862 600835	2000 2000 2000	Penparcau Wallog Cwm Woods
! Acorus calamus (Sweet Flag)	1	498427	2000	Highmead
Alchemilla filicaulis ssp vestita (Hairy Lady's Mantle)	3	317462 322460 467611 726581	1997 1997 1996 1994	Brongest Brongest NT Ddol-wen Cwm Berwyn
	3	679722 698665 702677	1971 1994 1987	Llanafan Swyddffynnon Ystrad Meurig
	2	448612 455617	1999 1996	Henfynyw Aberaeron
	1	410588	2000	Gilfachreda
! Allium triquetrum (Three-cornered Leek)	2	387594 598810 599819	2000 1996 2000	New Quay Llanbadarn Fawr Waun Fawr
	1	628752	2000	Llanilar
	3	162487 292524 609938+ 610950	1999 2000 2000 1997	SSSI SSSI NNR NNR Pen yr Ergyd Creigiau Penbryn Ynys-las Ynys-las
Anagallis minima (Chaffweed)	7	180516 243524 275507 314552 371591 [521653] 557747 614914+	1987 1997 1996 1999 2000 1978 1976 2000	W of Mwnt SSSI Tresaith Ynys-lochty NT Coybal Tryal-bach NT NNR DERA Aber-porth Mynachdy'r-graig Aberleri Fields
	2	431542 581807	2000 2000	Blaeneinon Penyrangor
	1	749653	1995	Ystrad Fflur
	1	539529	1996	Temple Bar
	2	162486 173461 183460	1975 1993 1994	Teifi Estuary Netpool SSSI Cardigan
	3	162487 195520 608938+	1999 1992 2000	SSSI NT NNR Pen yr Ergyd Mwnt Ynys-las

Asplenium septentrionale (Forked Spleenwort)	5	S	684848 702838+ 707825 780741 786742 801748 808752	1992 2000 1991 2000 2000 2000 2000	SSSI	Llechwedd-helyg Cwmsymlog Ceunant Cwmystwyth Cwmystwyth SSSI Cwmystwyth SSSI Cwmystwyth
Asplenium viride (Green Spleenwort)	1		741912	2000		Esgair-fraith
! Aster concinnus (An Aster)	2		587812 654929	1996 2000		Aberystwyth Tre'r-ddol
Atriplex littoralis (Grass-leaved Orache)	3		580806 596970 616934	1996 1996 1996	SSSI	Aberystwyth Glandyfi Ynys-las
Atriplex longipes (Long-stalked Orache)	3	S	183458 620936 645942	1996 1998 2000	SSSI SSSI NNR	Teifi Marshes Ynys-las Tre'r-ddol
* Atriplex portulacoides (Sea Purslane)	1		641941#	2000	SSSI	Dyfi Estuary
Baldellia ranunculoides (Lesser Water-plantain)	3		602774 608922 610918 611938	1987 2000 2000 2000	SSSI NNR NNR	Ty-llwyd Hen Afon Leri Aberleri Fields Ynys-las
* Berberis vulgaris (Barberry)	7		281489 289516 449423 519452 577586 661792 748677	1997 2000 2000 1998 2000 2000 1998		Tan-y-groes Penbryn Capel Dewi Alltyblacca Bwlch-llan Glanrhedol Ffair-rhos
Blackstonia perfoliata (Yellow -wort)	1		607941+	2000	NNR	Ynys-las
Botrychium lunaria (Moonwort)	12		496515 611640 612635 615613 620691 632498 641893 671858 694838 698838 740912+ 745686 746708 751735 804814	1997 1997 1985 1992 1994 1997 2000 1981 1983 1996 2000 1997 1993 1985 1998	SSSI	Rhos Glynyrhelyg Blaenpennal Gwar-llethr Gilfachgwyddil Trefenter Tynygwndwn Cae Ty-hen Gwaun Troedrhiw-seiri Cwmsymlog Cwmsymlog Esgair-fraith Ffair-rhos Glog-fach Cae'r-meirch Llynnoedd Ieuau
Brachypodium pinnatum (Tor Grass)	3		186456 236521 248524	2000 1997 2000	SSSI SSSI SSSI	Cardigan Craig y Filain DERA Aber-porth

		575484	2000	Lampeter	
		587821#	2000	Aberystwyth	
! Bromopsis inermis (Hungarian Brome)	1	609941	2000	NNR	Ynys-las
Bromus commutatus (Meadow Brome)	2	195520	1987	NT	Mwnt
		219518	2000	NT	Felin-wynt
Bromus racemosus (Smooth Brome)	5	314418	1995		Old Cilgwyn
		322460	1998		Brongest
		531699	1994		Llanrhystud
		566572	1998		Winllan
		749811#	1987		Ponterwyd
Calamagrostis epigejos (Bush Grass)	5	162492	2000		Gwbert
		190516	2000	NT	Mwnt
		203435	1999	SSSI	Gwaun Penlan
		225519	2000		Mwnt-bach
		546723	1998		Llanddeiniol
Calystegia sepium ssp roseata (A Bindweed)	4	279514	1991		Tresaith
		672955	2000	RSPB	Ynys-hir
		673962	2000	RSPB	Ynys-hir
		686619	1998	NNR	Cors Caron
		696976	2000	SSSI	Glandyfi
		703976	2000		Glandyfi
Calystegia soldanella (Sea Bindweed)	4	161485	2000	SSSI	Pen yr Ergyd
		293525	2000	NT	Penbryn
		579799	2000	SSSI	Tan-y-bwlch
		606929+	1996	NNR	Ynys-las
		608946	1999	NNR	Ynys-las
* Campanula persicifolia (Peach-leaved Bellflower)	2	R 654900	2000		Tal-y-bont
		684958	1994		Ynys-hir
Carduus crispus ssp multiflorus (Welted Thistle)	3	374403	1979		Aberbachnog
		375597	1996		Craig yr Adar
		439583	1988		S of Llwynlyn
		[709789]	1976		Rheidol Falls
Carduus tenuiflorus (Slender Thistle)	4	161501	1996		Gwbert
		162487	2000	SSSI	Pen yr Ergyd
		197520+	2000		Mwnt
		613929	1993		Ynys-las
Carex acuta (Tufted Sedge)	3	675632+	1986	NNR	Cors Caron
		689635+	1986	NNR	Cors Caron
		[693628]	1988	SSSI	Maesllyn
		707657	2000	NNR	Cors Caron
Carex acuta x aquatilis (A hybrid Sedge)	1	708662	2000	NNR	Cors Caron
Carex acutiformis (Lesser Pond-sedge)	3	195483	1996	SSSI	Banc y Mwldan
		300421#	2000		Felin Geri
		356542	1998		Blaencelyn
		431430#	1994		Blaencwmcadifor
		667943	1986	SSSI	Cors Afon Ddu

Carex bigelowii (Stiff Sedge)	1	803877	2000	SSSI	Pumplumon
Carex dioica (Dioecious Sedge)	8	201491+ 548635 552613 714549 72-65- 743800+ 762709+ 837728	2000 1999 2000 1999 2000 1999 1991	SSSI SSSI SSSI Figyn Blaen Brefi Transmelyn Bryn Bras W of Trawsallt Llyn Gwngu	Banc y Mwldan Rhos Tal-glas Hen-draws Figyn Blaen Brefi Transmelyn Bryn Bras W of Trawsallt Llyn Gwngu
Carex hostiana x viridula ssp brachyrrhyncha (A hybrid Sedge)	2	201488 729699	1996 1999	SSSI	Banc y Mwldan Ffair-rhos
Carex lasiocarpa (Slender Sedge)	8	691647 776598 791637 799661 801628 837729 853737 858753	1999 1994 1989 1994 1993 1997 1997 2000	NNR NNR NNR Cors Caron NE of Nant-y-maen Blaen Mwyro Bryn Caeblaenegnant Tywi source Llyn Gwngu ENE of LlynGwngu Gors Lwyd	Cors Caron NE of Nant-y-maen Blaen Mwyro Bryn Caeblaenegnant Tywi source Llyn Gwngu ENE of LlynGwngu Gors Lwyd
Carex limosa (Mud Sedge)	12	593738 602774 673639 687646 714546 718678 730696 743593 745593 745603 754602 790632 790650 792631 811703 818734	1987 2000 1999 1993 1999 1978 1999 1981 1982 1982 1982 1989 1998 1989 1989	SSSI SSSI NNR NNR SSSI Figyn Blaen Brefi Afon Meurig Ffair-rhos Groes Fawr Groes Fawr Groes Fawr Groes Fawr Llyn Gorast NW of Llyn Gynon Llyn Gorast Llyn y Figyn SSSI	Rhos Bwlch-y-rhandir Ty-llywd Cors Caron Cors Caron Figyn Blaen Brefi Afon Meurig Ffair-rhos Groes Fawr Groes Fawr Groes Fawr Groes Fawr Llyn Gorast NW of Llyn Gynon Llyn Gorast Llyn y Figyn Grafea Elan
Carex magellanica (Tall Bog-sedge)	3	S 779832 808689 816782	1994 1995 1998	SSSI	Drybedd Bryn yr Hyrddod E of Llyn Rhuddnant
Carex montana	2	S 759518 794513	1995 1995	SSSI SSSI	Nant Cnwch-gwyn Camddwr
Carex pseudocyperus (Cyperus Sedge)	3	274471 453585 487583	1999 1993 1996		Dolwerdd Cwmsaeson Cors Blaencanog-fach
Carex punctata (Dotted Sedge)	1	S 188454	1994	SSSI	Rosehill Marsh
Carex riparia (Greater Pond-sedge)	5	164464 168477 169482 171462 [178464] 185453	1992 1997 1998 1996 1980 1999		Old Castle Farm Nantyferwig Nantyferwig Netpool Cardigan Teifi Marshes

		190476	1988	Capel
		607800	1996	Glanrafon
		683967#	1996	SSSI Ynys-hir
		696971+	2000	SSSI Glandyfi
Carex spicata :: (Spiked Sedge)	1	706653	2000	NNR Cors Caron
Carex viridula ssp brachyrhyncha (Long-stalked Yellow-sedge)	3	195483	2000	SSSI Banc y Mwldan
		201488	1998	SSSI Banc y Mwldan
		634571	1999	Nant Bryn-maen
		729699	1999	Ffair-rhos
Carex viridula ssp viridula (Small-fruited Yellow-sedge)	2	609939+	2000	NNR Ynys-las
		614914	2000	NNR Aberleri Fields
Carex x involuta (A hybrid Sedge)	1	555464	1989	Dolaugwyrdodonisaf
Carum verticillatum (Whorled Caraway)	100+	B		
Centaurium pulchellum (Lesser Centaury)	1	608942+	2000	NNR Ynys-las
Cerastium semidecandrum (Little Mouse-ear)	4	162487	1999	SSSI Pen yr Ergyd
		201487+	1993	Penparc
		579816	1986	Aberystwyth Castle
		580802	1996	SSSI Tan-y-bwlch
		609940+	2000	NNR Ynys-las
		728781#	1992	Cwm Rheidol
Ceratophyllum demersum (Rigid Hornwort)	2	256422	2000	SSSI Alltybwla
		449624#	1996	Clogfryn
		693628	1998	SSSI Maesllyn
Circaea alpina (Alpine Enchanter's-nightshade)	1	S 752962	2000	Cwmrhiaidr
Cirsium dissectum (Meadow Thistle)	16	369533	1996	SSSI Rhos Pil-bach
		382533+	1995	SSSI Rhos Gellie
		493502	1988	SSSI Caeau Ardwyn
		497505	1994	SSSI Rhos Glwydwern
		508473	1990	Pantywilco
		520619	1994	Clwydgoch
		[523653]	1978	Tryal-bach
		556634	1993	SSSI Rhos Tal-glas
		565517	1993	SSSI Comin Silian
		593734	1995	SSSI Rhos Bwlch-y-rhandir
		598499	1993	Bwlchgwynt
		614564	1995	Ty'n-y-ddreanen
		621576+	1997	Comins Capel Betws
		624575+	1998	SSSI Rhos Bronyrehellem
		628542	1999	SSSI Glanrhocca
		637500	1997	Sarn-llys

		650649	1979	SSSI	Comin Esgair-maen
		701594	1993		Cwm Berwyn
		701609	1997		Blaencaron
		718678	1978		Afon Meurig
		72-65-	2000		Transmelyn
		776649	1997		Afon Mwyro
		780648	1998		Afon Mwyro
Cirsium x forsteri (A hybrid Thistle)	2	593733	1995	SSSI	Rhos Bwlch-y-rhandir
		614564	1995		Ty'n-y-ddraenen
		622575	1998	SSSI	Rhos Bronyrhelem
Cladium mariscus (Great Fen-sedge)	1	487583	1996		Cors Blaencanog-fach
! Claytonia perfoliata (Springbeauty)	2	163493	1996	SSSI	Pen yr Ergyd
		583826	1996	SSSI	Constitution Hill
Clinopodium adscendens (Common Calamint)	1	199458	2000		Llangoedmor
		213437#	1999		Llechryd
Clinopodium vulgare (Wild Basil)	7	164485	1994		Pen yr Ergyd
		235519	1997	SSSI	Craig y Filain
		268416	2000		Cenarth
		318450	1997		Dol-goch
		445622	1994		Clogfryn
		49- 51-	1987	SSSI	Rhos Glynryhelyg
		622758	1995		Pantygwyfol
		687966#	1992	SSSI	Glandyfi
Coeloglossum viride (Frog Orchid)	2	496514	1988	SSSI	Rhos Glynryhelyg
		6-- 4--	1997		Llanfair Clydogau
		632500	2000		Llanfair Clydogau
! Crassula helmsii (New Zealand Pigmyweed)	8	381538	1990		Ffynnon-berw
		611938	2000	NNR	Ynys-las
		630837	2000		Plas Gogerddan
		632500	2000		Lanfair Clydogau
		668726	2000		Trawsgoed
		688625	2000	NNR	Cors Caron
		709839	2000		Llyn Pendam
		727670	1997		Pontrhydfendigaid
		728798	2000		Pond yr Oerfa
Crataegus laevigata (Midland Hawthorn)	1	17046#	1996	SSSI	Netpool
		632611	1989		Allt Pantybeudy
		634641#	1998		Blaenpennal
		656802#	1992		Capel Bangor
Crepis biennis (Rough Hawk's-beard)	2	186454	1998	SSSI	Teifi Marshes
		313482	1999		Glynarthen
Crepis paludosa (Marsh Hawk's-beard)	2	693946	1999	SSSI	Cwm Einion
		726975	1994		Llyfnant
		735975	1988		Llyfnant
Cryptogamma crispa (Parsley Fern)	10	[732796]	1983		NNW of Ystumtuen
		733887	1987		Cerrigyrhafan
		738913	2000		Esgair-fraith
		739926	2000		Llyn Dwfñ

		740797	1997	SSSI	Bryn Bras
		753942	1997	SSSI	Pistyll y Llyn
		766799	1987		NE of Ysbyty Cynfyn
		772475	1978	SSSI	Troedrhiwrudwen
		777473	1978	SSSI	Craig Clyngwyn
		799783	1996		Rhuddnant
		802582	1999		Hirnant
		803742	1993	SSSI	Cwm Ystwyth
		814898	1989	SSSI	Nant Gelligogau
Cuscuta epithymum (Dodder)	2	586846	2000		Clarach
		727782	1996		Cwm Rheidol
Cynoglossum officinale (Hound's Tongue)	1	610940+	2000	NNR	Ynys-las
Cystopteris fragilis (Brittle Bladder-fern)	8	690839	1991		Cwmsymlog
		702838+	2000	SSSI	Cwmsymlog
		729908	1996		Esgair-hir
		740760	1995		Devil's Bridge
		759767	1992		Bodcoll
		772475	1973	SSSI	Troedrhiwrhuddwen
		78- 47-	1972	SSSI	Cnapyn Melyn
		791827	1988		Cwmergyr
		798806	1994		Blaenmyherin
		800796	1994		Blaenmyherin
Dactylorhiza incarnata ssp coccinea (Early Marsh-orchid)	1	606927+	2000	SSSI	Ynys-las
		610940	2000	NNR	Ynys-las
Dactylorhiza incarnata ssp incarnata (Early Marsh-orchid)	7	201488	1998	SSSI	Banc y Mwldan
		224517	1996		Felin-wynt
		358410	1995		Henllan
		389591	1998		New Quay
		402596	1988		Llanina
		444605	1987		Ffos-y-ffin
		[479623]	1982		Comins Aber-arth
		[52- 65-]	1978		Tryal -bach
		607936+	1979	NNR	Ynys-las
		729699	1999		Afon Meurig
Dactylorhiza incarnata ssp pulchella (Early Marsh-orchid)	3	[52- 65-]	1978		Tryal-bach
		607672	2000	SSSI	Llyn Eiddwen
		609938	1991	NNR	Ynys-las
		687620	1998	NNR	Cors Caron
Dactylorhiza majalis ssp cambreensis (Welsh Marsh-orchid)	3	197483	1991	SSSI	Banc y Mwldan
		401596	1991		Llanina
		606935+	2000	NNR	Ynys-las
		608922	2000	SSSI	Hen Afon Leri
Dactylorhiza majalis x praetermissa (A hybrid Marsh-orchid)	1	610939	1991	NNR	Ynys-las
Dactylorhiza majalis x purpurella (A hybrid Marsh-orchid)	1	607931	1991	SSSI	Ynys-las
		609939	1991	NNR	Ynys-las
Dactylorhiza x aschersoniana (A hybrid Marsh-orchid)	1	609938	1991	NNR	Ynys-las
Dactylorhiza x carnea	1	201488	1991	SSSI	Banc y Mwldan

(A hybrid Marsh-orchid)

Dactylorhiza x dinglensis (A hybrid Marsh-orchid)	1	608921	1991	SSSI	Hen Afon Leri
Dactylorhiza x formosa (A hybrid Marsh-orchid)	2	608921 616572	1990 1981	SSSI SSSI	Hen Afon Leri Comins Capel Betws
Dactylorhiza x grandis (A hybrid Marsh-orchid)	4	197483 201489 248524 421582 603832	1993 1993 1994 1994 1990	SSSI SSSI SSSI RAE Aber-porth Llanarth Cwmcynfelin	Banc y Mwldan Banc y Mwldan RAE Aber-porth Llanarth Cwmcynfelin
Dactylorhiza x hallii (A hybrid Marsh-orchid)	4	197483 248524 603832 608921	1991 1994 1990 1990	SSSI SSSI SSSI SSSI	Banc y Mwldan RAE Aber-porth Cwmcynfelin Hen Afon Leri
Dactylorhiza x latifolia (A hybrid Marsh-orchid)	1	608938	1987	NNR	Ynys-las
Dactylorhiza x venusta (A hybrid Marsh-orchid)	1	611938	1991	NNR	Ynys-las
Dactylorhiza x wintoni (A hybrid Marsh-orchid)	1	608938	1989	NNR	Ynys-las
Daphne laureola (Spurge Laurel)	1	373567 605830#	2000 1999		Nanternis Cwmcynfelin
Deschampsia cespitosa ssp parviflora (A Tufted Hair-grass)	3	209430 361414 645700	1998 1999 1999	NNR	Coedmor Trebedw Lledrod
Diphasiastrum alpinum (Alpine-clubmoss)	20	B 727603 731880 732593 734803 737847 741911 743796+ 759878 772833 775851 782831 791873+ 796782 797820 798770 798839 799776 799811 799890+ 800583 803761 803834 819901 820890+	1996 1987 1987 1988 1993 2000 1999 1993 1993 1990 1996 2000 1996 1991 1988 1996 1993 1988 1991 1999 1991 1982 1991 2000		Banc Mawr Carn Owain Groes Fawr Bryn Rhosau Disgwylfa Fawr Esgair Fraith Bryn Bras Drosgol Drybedd Y Garn Padell Nantwyddon Pumlumon Rhuddnant Cwmergyr Pen y Garn Eisteddfa Gurig Rhestr Cerrig Llynoedd Ieuan Lluest Graig Hirnant Llyn Uchaf Hirgoed Ddu Carnfachbugeilyn Pumlumon Arwythli
Diplotaxis tenuifolia	1	588811	1997		Aberystwyth

(Perennial Wall-rocket)

! <i>Doronicum plantagineum</i> (Plantain-leaved Leopard's-bane)	1	286513 296519	2000 2000	Tresaith Penbryn
! <i>Doronicum x excelsum</i> (Harpur Crewe's Leopard's-bane)	1	220446 [629816]	2000 1980	Llechryd Lovesgrove
<i>Drosera intermedia</i> (Oblong-leaved Sundew)	3	635915+ 677961 680635+ 704644	1999 1997 1999 1999	NNR SSSI NNR Cors Fochno Ynys Edwin Cors Caron Maesbanadlog
<i>Drosera longifolia</i> (Great Sundew)	3	635915+ 678962 685646+	2000 1997 2000	NNR SSSI NNR Cors Fochno Ynys Edwin Cors Caron
<i>Drosera x obovata</i> (A hybrid Sundew)	1	635921	1993	NNR Cors Fochno
<i>Dryopteris aemula</i> (Hay-scented Buckler Fern)	5	B 194436 195445 664920 672919 693946 719778 73- 97- 735773 742773	1999 1999 1978 1999 2000 1998 1976 1998 1977	NNR SSSI SSSI SSSI NNR Cwm Castell Coed Cwm Cletwr Coed Cwm Cletwr Cwm Einion Cwm Rheidol Derwen Devil's Bridge
<i>Dryopteris x mantonii</i> (A hybrid Male Fern)	1	710877	1994	Bwlch-glas
<i>Echium vulgare</i> (Viper's Bugloss)	3	242523+ 266427 540700 [553717] [572770] [609805]	2000 1996 1998 1977 1992 1975	SSSI DERA Aber-porth Cenarth Llanrhystud SW of Llanddeiniol Morfa Bychan Glanyrafon
<i>Elatine hexandra</i> (Six-stamened Waterwort)	12	S 593828 604645 604668 661563 667786 672616+ 685627 693627 697644 713832 722815 729747 773564 799649	1998 2000 2000 1997 1996 1996 2000 1996 1999 1996 1999 1989 2000 1998	Aberystwyth Llyn Fanod LLyn Eiddwen Pant Glanrhyd-ty-noeth Cors Caron Cors Caron SSSI Maesllyn Cors Caron Llyn Rhosgoch Pond Llywernog Llantrisant Camddwr SSSI Llyn Gynon
<i>Elytrigia x laxa</i> (A hybrid Couch)	1	579799	1999	SSSI Tan-y-bwlch
<i>Epilobium x chateri</i> (A hybrid Willowherb)	1	804512	1995	Llyn Brianne

Epilobium lanceolatum (Spear-leaved Willowherb)	1	673962 686966	1996 1992	SSSI SSSI	Ynys Edwin Glandyfi
Epipactis palustris (Marsh Helleborine)	2	195483 201488 608938+	2000 2000 2000	SSSI SSSI NNR	Banc y Mwldan Banc y Mwldan Ynys-las
Equisetum variegatum (Variegated Horsetail)	2	S 162492 609940+	1987 2000	NNR	Gwbert Ynys-las
Equisetum x dycei (A hybrid Horsetail)	3	732824 739911 607672	1996 2000 2000		Bog Pond Esgair Fraith Llyn Eiddwen
Equisetum x litorale (A hybrid Horsetail)	4	182494 201488 581801 608938	1995 1994 1996 1997	SSSI SSSI NNR	Y Ferwig Banc y Mwldan Felin y Mor Ynys-las
Erigeron acer (Blue Fleabane)	1	609945+	1996	NNR	Ynys-las
Eriophorum latifolium (Broad-leaved Cotton-grass)	3	195483 201488 499504 729699	2000 2000 1997 1999	SSSI SSSI SSSI	Banc y Mwldan Banc y Mwldan Rhos Glwydwern Ffair-rhos
Erodium lebelii (Sticky Stork's-bill)	1	607936	2000	NNR	Ynys-las
Erodium maritimum (Sea Cranesbill)	4	192520+ 197521 574791 [584827] 590853 592859 609894+	1999 1996 2000 1998 1997 1997 2000	NT SSSI	Mwnt Mwnt Allt Wen Constitution Hill Wallog Wallog Borth
Erodium moschatum (Musk Stork's-bill)	3	S 170483 181474 277432 312541	1998 1999 2000 1999		Nantyferwig Tregibby Farm Capel Tygwydd Llangranog
Erophila glabrescens (Glabrous Whitlowgrass)	3	162485+ 390595 610940+	1999 2000 2000	SSSI NNR	Pen yr Ergyd New Quay Ynys-las
Erophila majuscula (Hairy Whitlowgrass)	1	610940	2000	NNR	Ynys-las
Eryngium maritimum (Sea Holly)	3	163486 579799 604931 609941	1995 2000 1998 1996	SSSI SSSI SSSI SSSI	Pen yr Ergyd Tan-y-bwlch Ynys-las Ynys-las
Euphorbia amygdaloides (Wood Spurge)	4	288521 297527 495651+ 712855 742775	1999 2000 2000 1995 1998	SSSI SSSI SSSI SSSI	Creigiau Penbryn Penbryn Creigiau Aber-arth Craig y Pistyll Devil's Bridge

Euphorbia exigua (Dwarf Spurge)	3	174514 215517 217521 243524 246525	1987 1996 1996 1997 1979	W of Mwnt Felin-wynt Felin-wynt SSSI DERA Aber-porth SSSI DERA Aber-porth
Euphorbia paralias (Sea Spurge)	2	161485 605935+	1996 2000	SSSI Pen yr Ergyd NNR Ynys-las
Euphorbia portlandica (Portland Spurge)	3	S 280516+ 288521+ 296528 605938+	1996 1996 2000 1996	Tresaith Creigiau Penbryn Penbryn Ynys-las
Euphrasia confusa x rostkoviana (A hybrid Eyebright)	3	766630 782545 791521	1999 2000 1996	Blaenglasffrwd Soar y Mynydd Rhydtalog
Euphrasia micrantha (An Eyebright)	1	701822	1996	Cwmerfyn
Euphrasia pseudokernerii (An Eyebright)	3	S 197483 201489 247525 772775	1998 1996 1979 1998	SSSI Banc y Mwldan SSSI Banc y Mwldan SSSI DERA Aber-porth Mynach Vale
Euphrasia rostkoviana ssp montana (An Eyebright)	2	S 603535 756789	1996 1990	SSSI Caeau Llety-cybi Ysbyty Cynfyn
Euphrasia rostkoviana ssp rostkoviana (An Eyebright)	50+	S		
Festuca altissima (Wood Fescue)	1	S 294419# 732774+ 740776 742769	1999 1998 1998 2000	Cwm Cou Derwen Ystumtuen SSSI Devil's Bridge
Festuca arenaria (Rush-leaved Fescue)	1	S 605928	2000	SSSI Ynys-las
Festuca filiformis (Fine-leaved Sheep's-fescue)	1	693811	1981	Goginan
Festuca vivipara (Viviparous Fescue)	3	741933 791875+ 799890 807903 808889 819894	1994 2000 1999 1989 1999 1995	Llyn Conach SSSI Pumlumon SSSI Lluest Graig SSSI Nant Gelligogau SSSI Cwm Gwerin SSSI Pen Pumlumon Arwystrli
Filago minima (Small Cudweed)	3	162485 199484 787489 795494	1999 1999 1997 1999	SSSI Pen yr Ergyd Penparc Llyn Brianne Llyn Brianne
Filago vulgaris (Common Cudweed)	3	193520 251516 537699	1999 2000 2000	NT Mwnt DERA Aber-porth Llanrhystud
Frangula alnus (Alder Buckthorn)	2	642914 662931#	1998 1999	NNR Cors Fochno Lodge Park

		677955+	1999	SSSI	Ynys-hir
		694942#	1997		Cwm Einion
Galium uliginosum (Fen Bedstraw)	3	197483	2000	SSSI	Banc y Mwldan
		201488	1998	SSSI	Banc y Mwldan
		209470	1993		Crugmore
		837728	1997	SSSI	Llyn Gwngu
! Genista hispanica ssp occidentalis (Spanish Gorse)	1	583828	2000		Constitution Hill
! Geranium ibericum (A Crane's Bill)	1	597705	2000		Llangwyryfon
! Geranium pyrenaicum (Hedgerow Crane's Bill)	2	598810	1999		Llanbadarn Fawr
		607934	1999	SSSI	Ynys-las
Geranium robertianum ssp maritimum (Sea Herb Robert)	2	463636	2000		Castell Cadwgan
		580801	2000	SSSI	Tan-y-bwlch
! Geranium rotundifolium (Round-leaved Crane's Bill)	1	598810	19999		Llanbadarn Fawr
Geum x intermedium (A hybrid Avens)	1	607578	1978		Nant y March
Glaucium flavum (Yellow Horned Poppy)	7	288521	1975	SSSI	Creigiau Penbryn
		313551	1994	NT	Ynyslochdyn
		576796+	2000	SSSI	Tan-y-bwlch
		580809	1989		Penyrangeor
		583826	1975	SSSI	Constitution Hill
		589857	2000		Wallog
		607908+	2000		Borth
		609924+	2000	NNR	Ynys-las
Glyceria maxima (Reed Grass)	2	275428	1999		Cwm Cou
		322453#	1999		Brongest
		365440#	1999		Felin Gernos
		568498	1998	SSSI	Falcondale Lake
		683967#	1999	SSSI	Ynys-hir
Gymnadenia conopsea ssp borealis (Fragrant orchid)	3	626635	1996	SSSI	Cae Ffosyrodyn
		[677860]	1981		Elerch
		704824	1988		Cwmerfyn
		754738	1997	SSSI	Cae'r-meirch
Gymnadenia conopsea ssp densiflora (Fragrant Orchid)	1	195483	1998	SSSI	Banc y Mwldan
		201488	1998	SSSI	Banc y Mwldan
Gymnocarpium robertianum (Limestone Fern)	1	S 772775	1999		Mynach Vale
Hammarbya paludosa (Bog Orchid)	6	BS 708883	1997		Alltgochymynydd
		724897	1996		Bryn Lluestydd
		745793	1994	SSSI	Bryn Bras
		745800	1999	SSSI	Bryn Bras
		775812	1992	SSSI	Dyffryn Castell
		787531	1999		Soar y Mynydd
		813741+	1991	SSSI	Graig Ddu
		814744	1999		Cwm Ystwyth

			819748	1983	SSSI	Cwm Ystwyth
Hieracium angustiquamum (A Hawkweed)	1	S	801785	1984		Rhuddnant
Hieracium argenteum (A Hawkweed)	2		739724	1999		Pontrhyd-y-groes
			753942	1983	SSSI	Pistyll y Llyn
Hieracium caledonicum (A Hawkweed)	2		245525	1980	SSSI	DERA Aber-porth
			288521	1994	SSSI	Creigiau Penbryn
Hieracium cheriense (A Hawkweed)	2	S	640589	1994		ESE of Llangeitho
			736729	1994		Pontrhyd-y-groes
Hieracium diaphanoides (A Hawkweed)	4	S	766527	1988	SSSI	Cwm Doethie
			771475	1978	SSSI	Troedrhwrhuddwen
			778472	1979	SSSI	Craig Clyngwyn
			782470	1979	SSSI	E of Craig Clyngwyn
			794784	1984		Rhuddnant
			798806	1994	SSSI	Blaenmyherin
			801785	1984		Rhuddnant
Hieracium eminentiforme (A Hawkweed)	1		193445	1999	NNR	Coedmor
* Hieracium exotericum (A Hawkweed)	1	S	670730	1981		Trawsgoed
! Hieracium grandidens (A Hawkweed)	3	S	669732	1994		Trawsgoed
			771738+	2000		Eglwys Newydd
			842769	1990		Afon Diluw
Hieracium lasiophyllum (A Hawkweed)	3	S	712856	1994	SSSI	Craig y Pistyll
			770482	1999	SSSI	Craig Ddu
			777472	1999	SSSI	Craig Clyngwyn
			782470	1998	SSSI	E of Craig Clyngwyn
Hieracium rectulum (A Hawkweed)	14	S	243438	1993		Llandygwydd
			415600	1993		Cei Bach
			481636	1980		Aber-arth
			496622	1978		Monachty
			502602	2000		Ty-glyn
			542548	2000		Temple Bar
			596600	1980		Gwenffrwd
			606579+	2000		Betws Leucu
			621544	1993		NE of Llangybi
			627612	1978		Allt Pant-y-gourych
			628578	1978		Coedmawruchaf
			663542	1986		Llanddewi-brefi
			742728	1980		Pontrhyd-y-groes
			784535	1987	SSSI	Soar y Mynydd
			798508	1979	SSSI	Llyn Brianne
Hieracium scabrisetum (A Hawkweed)	9	S	493623	1976	SSSI	Monachty
			685830	1994		Cwm Darren
			686714	1990		Llanafan Bridge
			705825	1994		Cwmerfyn
			755815	1990		NNE of Ponterwyd
			780819	1985		Dyffryn Castell
			797807+	1994	SSSI	Blaenmyherin
			805514	1988		Llyn Brianne

			823820	1993		Cae Gaer
Hieracium scoticum (A Hawkweed)	1	S	789802 798806	1991 1991	SSSI	Nantycreuau Blaenmyherin
Hieracium sparsifolium (A Hawkweed)	1	S	772775	1999		Mynach Vale
Hieracium subamplifolium (A Hawkweed)	7	S	250519 426607 468555 611585 618520 738722 742775	1994 1983 1994 1994 1994 1994 1994	SSSI	RAE Aber-porth Afon Drywi Afon Feiniog Betws Leucu NW of Llanfair Clydogau Pontrhyd-y-groes Devil's Bridge
Hieracium subcrocatum (A Hawkweed)	2		770652 841755	1994 1984	SSSI	Afon Mwyro Cwm Ystwyth
Hieracium submutabile (A Hawkweed)	8	S	542548 568575 572565 574585 605600 607580+ 613587 621755 627578 689817 704743 716585	1994 1980 1994 1990 1985 1994 1994 1994 1994 1978 1993 1988		S of Llanllyr E of Trefilan Abermeurig Nantcwnlle Llangeitho Betws Leucu Betws Leucu Llanilar Coedmawruchaf Goginan Cwm Newydion Cwm Berwyn
Hieracium vulgatum (A Hawkweed)	2		588811 694961	1990 1980		Aberystwyth Melindwr
Huperzia selago (Fir Clubmoss)	70+	B				
Hyacinthoides non-scripta (Bluebell)			B			Innumerable sites
Hymenophyllum tunbridgense (Tunbridge Filmy-fern)	6	B	669920 693946 696943 722971 739969 742772 742776+ 747970	1999 1999 1996 1998 1998 1998 1998 1999	SSSI SSSI SSSI SSSI SSSI NNR Llyfnant	Coed Cwm Cletwr Cwm Einion Cwm Einion Llyfnant Cwm Castell Devil's Bridge Coed Rheidol Llyfnant
Hymenophyllum wilsonii (Wilson's Filmy- fern)	29	B	669920 685880 693946 694943 700869 703882 704880 705941 710818 714790 714818	2000 1999 2000 1992 1994 1956 1988 1996 1987 1992 1987	SSSI SSSI SSSI Cwm Einion Nant Perfedd Afon Cyneiniog Cyneiniog Cwm Einion Nantyrarian Coed Simdde-lwyd Nantyrarian	Cwm Cletwr Cwmere Cwm Einion Cwm Einion Nant Perfedd Afon Cyneiniog Cyneiniog Cwm Einion Nantyrarian Coed Simdde-lwyd Nantyrarian

		722971	1995	SSSI	Llyfnant
		725971	1977	SSSI	Llyfnant
		729974	2000		Llyfnant
		731720	1976		Pontrhyd-y-groes
		735773	1998	NNR	Derwen
		739776	1998	NNR	Ystumtuen
		739968	1998		Cwm y Castell
		739971	1998		Cwm y Castell
		742772	1998		Devil's Bridge
		745785	1998+	NNR	Coed Rheidal
		751845	1987		Aberpeithnant
		751964	1988		Cefn-coch
		758488	1983	SSSI	Pysgotwr
		758641	1998		Hafodnewydd
		761516	1995	SSSI	Nant Cnwch-gwyn
		761728	2000	SSSI	Nant Bwlchgwallter
		765497	2000	SSSI	Nant y Cnwch
		768487	1997	SSSI	Craig Ddu
		770652	1994		Afon Mwyro
		775727+	2000	SSSI	Nant Gau
		782496	1999		Nant Brianne
		783479	1997		Tywi
		784707	1981		Nant Gau
		793497	1985		Nant Lletygleisiau
		797891	1988	SSSI	Hengwm-anedd
		798806	1995		Blaenmyherin
		801785	1984		Rhuddnant
		803581	1999		Hirnant
		803889	1999	SSSI	Lluest y Graig
		806881	1993	SSSI	Craig y March
		810739	1999	SSSI	Craig Ddu
		819746	1999	SSSI	Ty-mawr
		823760	1999	SSSI	Blaen-y-cwm
! Hypericum forrestii (A Tutsan)	1	725721	1994		Maenarthur
* Hypericum hirsutum (Hairy St John's Wort)	1	748808	2000		Ponterwyd
Hypericum undulatum (Wavy St John's Wort)	5	S 559680	1993		Rhydyrosser
		575725	1983	SSSI	Rhos Blaencarrog
		593734	1995	SSSI	Rhos Bwlch-y-rhandir
		618731+	2000	SSSI	Rhos y Fforest
		620732	2000	SSSI	Rhos Cross Inn
		628721	1993		Tanllain
Hypochaeris glabra (Smooth Cat's- ear)	1	BS 165487+	2000	SSSI	Pen yr Ergyd
Inula conyzoides (Ploughman's Spikenard)	1	606926+	1978	SSSI	Ynys-las
		610940+	1984	NNR	Ynys-las
Isoetes echinospora (Spring Quillwort)	15	S 604645	2000	SSSI	Llyn Fanod
		606671	2000	NNR	Llyn Eiddwen
		665785	1996		Glanrhed-ty-noeth
		695795	1995		Cwm Rheidal
		705752	1990		Pond Glandwgan
		709830	1998		WSW of Llyn Frongoch
		709839	2000		Llyn Pendam
		712830	1998		Llyn Rhos-goch

		716835	1998		Llyn Blaenmelindwr
		718856	1990		Llyn Craig-y-pistyll
		722751	1997		Llyn Frongoch
		723815	1999		Pond Llywernog
		725813	1999		E of Pond Llywernog
		729903	2000		Pond Nant-y-cagl
		739926	1998		Llyn Dwfn
		744571	1990		Llyn Berwyn
		748920	1990		Llyn Plas-y-mynydd
		778677	1996	SSSI	W-most Teifi Pool
		780672	1996	SSSI	Llyn Teifi
		785668	1996	SSSI	Llyn y Gorlan
		790679	2000	SSSI	Llyn Hir
		796645	1989	SSSI	Llyn Gynon
<i>Isoetes x hickeyi</i> (A hybrid Quillwort)	3	604643	1998	SSSI	Llyn Fanod
		709839	1997		Llyn Pendam
		730904	1998		Llyn Nant-y-cagl
<i>Isoetes lacustris</i> (Quillwort)	13	604644	2000	SSSI	Llyn Fanod
		606670	1996	NNR	Llyn Eiddwen
		659854	1990		Llyn Pen-y-cefn
		709830	1988		W of Llyn Rhos-goch
		709839	1994		Llyn Pendam
		712830	1996		Llyn Rhos-goch
		715835	1996		Llyn Blaenmelindwr
		719857	1990		Llyn Craig-y-pistyll
		728904	2000		Llyn Nant-y-cagl
		744571	2000		Llyn Berwyn
		754934	1979		Llyn Pen-rhaiadr
		760672	1996	SSSI	Llyn Teifi
		789668	1996	SSSI	Llyn Bach
		790678	2000	SSSI	Llyn Hir
		792876	1997	SSSI	Llyn Llygad Rheidol
		795815	1996	SSSI	Llynoedd Ieuan
		798649	1998	SSSI	Llyn Gynon
		799816	1996	SSSI	Llynoedd Ieuan
<i>Juncus ambiguus</i> (Frog Rush)	6	196521	1991	NT	Mwnt
		451626	1994		Aberaeron
		523687	2000		Llanrhystud
		581801	2000		Felin y Mor
		606926	2000	SSSI	Ynys-las
		615935+	2000	SSSI	Ynys-las
		617928	1996		Ynys-las
		618936	1997		Ynys-las
		696976	1997		Glandyfi
<i>Juncus subnodulosus</i> (Blunt-flowered Rush)	2	613908	1991	SSSI	Morfa Borth
		613914	2000	NNR	Aberleri Fields
		673951	1998	SSSI	Ynys Eidoliol
<i>Koeleria cristata</i> (Crested Hair Grass)	6	160503+	1997		Gwbert
		194520	1996	NT	Mwnt
		539709+	1999		Carreg Ti-pw
		579816	1992		Aberystwyth Castle
		580801	1989	SSSI	Tan-y-bwlch
		580807+	2000		Penyrangor
		607932	1991	SSSI	Ynys-las

Lathraea squamaria (Toothwort)	2	467611 476604 667920 668919	1997 2000 2000 2000	NT NT SSSI SSSI	Ddol-wen Abermydyr Coed Cwm Cletwr Coed Cwm Cletwr
* <i>Lathyrus nissolia</i> (Grass vetchling)	2	186455 [667785] 676965	1995 1994 1996	SSSI Glanrhed-ty-noeth SSSI	Pentood Glanrhed-ty-noeth Ynys-hir
<i>Lathyrus sylvestris</i> (Narrow-leaved Everlasting Pea)	5	[160487] 250523 373593 555745+ 584830 589855 594869 695969	1975 2000 1989 2000 1998 1991 1989 2000	SSSI SSSI Coybal Mynachdy'r-graig Craigifulfran S of Wallog N of Wallog Glandyfi	Pen yr Ergyd Cribach Bay Coybal Mynachdy'r-graig Craigifulfran S of Wallog N of Wallog Glandyfi
<i>Lavatera arborea</i> (native sites only) (Tree Mallow)	4	162515+ 253520 278515 312543 390600	1999 2000 2000 2000 2000	WTWW SSSI	Cardigan Island Cribach Bay Tresaith Llangranog New Quay
* <i>Leucojum aestivum</i> (Summer Snowflake)	2	R 304521 585786	1999 2000		Penmorfa Llanychaiarn
! <i>Leucothoe fontanesiana</i> (Leucothoe)	1	682961+	2000	RSPB	Ynys-hir
Leymus arenarius (Lyme-grass)	2	164485 293525 607923#	2000 2000 2000	SSSI NT SSSI	Pen yr Ergyd Traeth Penbryn Ynys-las
Limonium britannicum ssp transcanalis (Rock Sea-lavender)	1	BR 159500 162512	1999 1999		Gwbert N of Gwbert
Linum bienne (Pale Flax)	3	163499 387601 389601 595804#	1991 1994 1993 1991		Gwbert New Quay New Quay Pen-y-bont
Listera cordata (Lesser Twayblade)	3	748948 812778 814767 820778	1990 1999 1991 1998	SSSI	Pencraigiau'r-lan SE of Llyn Rhuddnant SE of Llyn Rhuddnant SE of Llyn Rhuddnant
Lithospermum officinale (Common Gromwell)	1	165484	1996	SSSI	Pen yr Ergyd
<i>Lobelia dortmanna</i> (Water Lobelia)	9	604644 606670 707837 728904 748920 752934 [754613] 778677 784675 790679 792670	2000 2000 1998 2000 1990 1989 1972 1996 1998 2000 1998	SSSI NNR Llyn Pendam Llyn Nant-y-cagl Llyn Plas-y-mynydd Llyn Pen-rhaiadr Llyn Crugnant SSSI SSSI SSSI SSSI	Llyn Fanod Llyn Eiddwen Llyn Pendam Llyn Nant-y-cagl Llyn Plas-y-mynydd Llyn Pen-rhaiadr Llyn Crugnant W-most Teifi Pool Llyn Teifi Llyn Hir Llyn Egnant

			797815+	1996	SSSI	Llynoedd Ieuan
			798648	1998	SSSI	Llyn Gynon
			800646	1998	SSSI	Llyn Gynon
Luronium natans (Floating Water-plantain)	8	BH	604645	2000	SSSI	Llyn Fanod
		SW	606670	2000	NNR	LLyn Eiddwen
			662574	1980	SSSI	Pont Carfan
			666595	1998	SSSI	W of Tregaron
			671613+	2000	NNR	Cors Caron
			682625	2000	NNR	Cors Caron
			784675	1998	SSSI	Llyn Teifi
			786669	1996	SSSI	Llyn y Gorlan
			789676	2000	SSSI	Llyn Hir
			792670	1998	SSSI	Llyn Egnant
			800646	1998	SSSI	Llyn Gynon
Luzula forsteri (Southern Wood-rush)	1		185496	2000		Y Ferwig
! Luzula luzuloides (White Wood-rush)	1		554493	1994		Maestir
Lycopodium clavatum (Stag's-horn Clubmoss)	24	H	600637	1996	SSSI	Cors Llyn Farch
			695941	1983		Cwm Einion
			709803	1987		Cwmbrwyno
			717831	1988		Nant Cwm-y-graig
			718876	1996		Craig yr Allt-ddu
			727603	1996		Blaencaron
			728903	2000		Llyn Nant-y-cagl
			734803	1988		Llywernog
			738913	2000		Esgair-fraith
			739867	1991		Nant-y-moch Reservoir
			739883	1987		Nant-y-moch Reservoir
			742796+	1998	SSSI	Bryn Bras
			742911	2000		Esgair-fraith
			755692	1993		Esgair Mwyn
			759617	1993		Llyn Crugnant
			770720	1994	SSSI	Coed Bwlchgwallter
			771833+	1993		Drybedd
			773790	1995		Nantsyddion
			782831	1994		Padell Nantwyddon
			784855	1990		Nant-y-moch
			790879+	1997	SSSI	Llyn Llygad-Rheidol
			792774	1991		Craig y ceffyl
			798783	1996		Rhuddnant
			800509	1995		Camddwr
			800583	1999		Hirnant
			803761	1991	SSSI	Llyn Uchaf
			810738	1999	SSSI	Graig Ddu
			810880	2000	SSSI	Cwm Gwerin
Malva neglecta (Dwarf Mallow)	3		579798	2000		Tan-y-bwlch
			579814	2000		Aberystwyth Castle
			587839	1998		Clarach
			608893	1996		Borth
* Marrubium vulgare (White Horehound)	1	S	363579	2000	NT	Llandysiliogogo
* Matthiola incana (Hoary Stock)	5	R	311541	2000		Llangranog
			454629	1999		Aberaeron

			478640	1998	Aber-arth
			581814	2000	Aberystwyth
			608891	2000	Borth
			608903	2000	Borth
Meconopsis cambrica (Welsh Poppy) (Native sites only)	2	S	735773	1988	Coed Rheidol
			741772	1998	Devil's Bridge
			742775	1998	SSSI Devil's Bridge
			745780	1998	NNR Coed Rheidol
			748788	1998	NNR Coed Rheidol
			797784	1996	Rhuddnant
* <i>Medicago arabica</i> (Spotted Medick)	1		405598	1987	Llanina
Melittis melissophyllum (Bastard Balm)	1	S	307427	1999	Coed Cwm Du
Mentha arvensis (Corn Mint)	3		217445	1996	Llechryd
			607751	1995	Penlan-las
			756738	1996	SSSI Caeau Cae'r Meirch
! <i>Mimulus moschatus</i> (Musk)	1		569514	1988	Silian
			[604836]	1972	Cwm Cynfelin
! <i>Mimulus x robertsii</i> (Hybrid Monkeyflower)	4		181448	1999	SSSI Teifi Marshes
			572663	1997	Joppa
			596838	1990	Clarach
			755793	1999	Cwm Ystwyth
<i>Moenchia erecta</i> (Upright chickweed)	8		194520	1997	NT Mwnt
			312542	1999	NT Llangranog
			441616	1996	Cilfforch
			446620	2000	Clogfryn
			534703	1996	Llanrhystud
			590852	1997	Wallog
			596875	1996	Craig y Delyn
			602886+	2000	Borth
			608918	1997	SSSI Hen Afon Leri
Myosotis ramosissima (Early Forget-me-not)	2		162487+	1999	SSSI Pen yr Ergyd
			610940+	2000	NNR Ynys-las
Myriophyllum spicatum (Spiked Water-milfoil)	2		568498	2000	SSSI Falcondale Lake
			607923	2000	SSSI Moel Ynys
			611939#	1998	NNR Ynys-las
			615916	1994	NNR Aberleri Fields
<i>Narcissus pseudonarcissus</i> ssp <i>obvallaris</i> (Tenby Daffodil)	50+				
Neottia nidus-avis (Bird's-nest Orchid)	1		600833	1993	Cwm Woods
			606835	1983	Cwm Woods
Nymphaea alba (White Water-lily) (Native sites only)	1		603643	1996	SSSI Llyn Fanod
			[640920]	1978	SSSI Cors Fochno
! <i>Oenothera stricta</i> (Fragrant Evening-primrose)	1		161485+	2000	SSSI Pen yr Ergyd

! <i>Omphalodes verna</i> (Blue-eyed Mary)	1	602833	2000		Cwm Woods
<i>Ophrys apifera</i> (Bee Orchid)	2	162487+	2000	SSSI	Pen yr Ergyd
		608937+	2000	NNR	Ynys-las
<i>Orchis morio</i> (Green-winged Orchid)	13	242466	1998		Blaenwenen
		244524	1981	SSSI	DERA Aber-porth
		282425	1999		Cwm-cou
		266506	1997		Aber-porth Cemetery
		341434	1996		Bryngwenith
		369575	1989		Cwm Soden
		[370551]	1983		Caerwedros
		410587	1979		Gilfachreda
		479601	1997	NT	Llanerchaeron
		518684	1979	WTWW	Aberstringell
		534703+	1994		Llanrhystud
		546692	2000		Capel Rhiwbwys
		554634	1997	SSSI	Rhos Tal-glas
		569778	1998		Morfa Bychan
		621601	2000		Llangeitho churchyard
		640893	1992	SSSI	Cae Ty-hen
<i>Origanum vulgare</i> (Marjoram) (Native sites only)	4	714790	1993	NNR	Coed Simdde-lwyd
		720723	1996		W of Pontrhyd-y-groes
		741772	1996	SSSI	Devil's Bridge
		745783	1998	NNR	Coed Rheidal
		745784	1980	NNR	Coed Rheidal
		777482	1999	SSSI	Craig Ddu
		778472	1999	SSSI	Craig Clyngwyn
<i>Orobanche hederae</i> (Ivy Broomrape)	5	S 170461	1982	SSSI	Netpool Wood
		288521+	2000	SSSI	Creigiau Penbryn
		296528	2000	NT	Penbryn
		312544+	1999		Llangrannog
		415600	1982		Cei Bach
		597810	2000		Llanbadarn Fawr
<i>Orobanche minor</i> (Common Broomrape)	1	588815	1990		Aberystwyth
		597819	1995		Aberystwyth
<i>Orobanche rapum-genistae</i> (Greater Broomrape)	13	BS 181474	1999		Tregibby Farm
		183454	1991	SSSI	Pentood
		291427	1999		Cwm Cou
		319542	1996		Llangrannog
		359567	1997		Pant-yr-ynn
		359574	1999		Llandysiliogogo
		367579	1985	SSSI	Cwm Soden
		379563	1997		Nantermis
		581790	1993		Tan-y-bwlch
		581790	1983		Penybwlch
		609754	1994		Llanilar
		613754	1994		Llanilar
		615756	1994		Llanilar
		616898	1999		Ynys Fergi
		617806	1990	SSSI	Glanyrafon
		652747	1981		NW of Abermagwr
		670788	1994	WTWW	Pant Da
<i>Osmunda regalis</i> (Royal Fern)	17	225519	1998		Mwnt-fawr
		297531	1982		Penbryn

		380535	1994	SSSI	Rhos Gellie
		445529	1982	SSSI	Blaencletwr
		483503	1984	SSSI	Gors-goch
		495429	2000		Rhuddlan
		499431#	1985		Highmead
		[52- 65-]	1978		Tryal-bach
		529639	1981		Cefngwrthafarnuchaf
		575737	1999	SSSI	Rhos Rhydd
		567648	1996	SSSI	Cors Caranod
		567736	1999	SSSI	Rhos Rhydd
		576599	1999	SSSI	Cors Nantcwnlle
		594555	1978		Pant-yr-hwch
		677636	1999	NNR	Cors Caron
		613910	1991	SSSI	Morfa Borth
		614785#	1989		Nanteos
		617897	1990		Borth
		622924	1993	NNR	Ynys-las
		[635612]	1975		Llanbadarn Odwyn (Contd.)
		635924+	2000	NNR	Cors Fochno
		650909	2000	SSSI	Taliesin
		676951	1985	SSSI	Ynys Greigio
		705642	1993	NNR	Cors Caron
Papaver dubium ssp lecoqii (Yellow-juiced Poppy)	3	311540	1997		Llangranog
		587839	1996		Clarach
		625837	2000		Gogerddan
		630837	1990		Gogerddan
		638839	1993		Penrhyn-coch
Parapholis strigosa (Curved Hard-grass)	3	162486	1979	SSSI	Pen yr Ergyd
		168482	1975		Nantyferwig
		648937	1988	SSSI	Dyfi
		616934	1996		Ynys-las
Parentucellia viscosa (Yellow Bartsia)	1	493503	1988	SSSI	Caeau Ardwyn
		609805#	1994		Glanyrafon
		689815#	2000		Goginan
Persicaria minor (Small Water-pepper)	2	674615+	2000	NNR	Pont Einon
		684627	2000	NNR	Cors Caron
		689634	1994	NNR	Cors Caron
! Persicaria pensylvanica (Pinkweed)	1	198520	1988		Mwnt
! Petasites albus (White Butterbur)	2	565491	1999		Falcondale
		630836	1999		Gogerddan
Phleum arenarium (Sand Cat's-tail)	2	162487	2000	SSSI	Pen yr Ergyd
		606924+	2000	SSSI	Ynys-las
		610940+	2000	NNR	Ynys-las
! Pilosella x stoloniflora (A hybrid Mouse-ear Hawkweed)	1	284493	2000		Tan-y-groes
Plantago media (Hoary Plantain)	1	498585	2000		Ciliau Aeron
Platanthera chlorantha (Greater Butterfly Orchid)	16	567574	1992		Winllan
		575596	1988	SSSI	Cors Nantcwnlle
		596632	1996		Penuwch

		603535	2000	SSSI	Caeau Lletty-cybi
		613583	1994		Cefn-faes
		614657	2000		Bontnewydd
		618477	1996		Trawsnant
		620574	1986	SSSI	Rhos Bronyrhelem
		625648+	1994		Blaenpennal
		632500+	1999		Waunmacwydd
		635571	1986		Nant Bryn-maen
		661887	1993		Tal-y-bont
		672616	2000	NNR	Cors Caron
		686955	1991		Eglwys Fach
		72-65-	2000		Transmelyn
		754736+	1996	SSSI	Caeau Cae'r-meirch
		772476	1972	SSSI	Troedrhiwrhuddwen
Poa angustifolia (Narrow-leaved Meadow-grass)	4	623880	1979		Dol-y-bont
		648797	2000		Capel Bangor
		618931	2000		Ynys-las
		694969	1979		Glandyfi
! Poa chaixii (Broad-leaved Meadow-grass)	3	311409	1994		Cilgwyn
		524562	2000		Maestir
		553494	2000		Llanfihangel-ystrad
Polygonum oxyspermum ssp raii (Ray's Knotgrass)	4	194519	1996	NT	Mwnt
		580800	2000	SSSI	Tan-y-bwlch
		583798	1987		Tan-y-bwlch
		607907	2000		Borth
		613941+	1999	NNR	Ynys-las
Polypodium cambricum (Southern Polypody)	1	181460+	2000		Cardigan
Polystichum x bicknellii (A hybrid Shield-fern)	2	728910	1999		Esgair-hir
		479603	1998	NT	Llanerchaeron
Populus nigra ssp betulifolia (Black Poplar) (Native sites only)	2	212485	2000		Penparc
		653762	2000		Llwyn-y-brain
		658762	2000		Tan-llan
Potamogeton x olivaceus (A hybrid Pondweed)					Occurs along Teifi from 295418 to 519437 in considerable quantities
! Prunus serotina (Rum Cherry)	1	543475	2000		ENE of Llanwnnen
Pseudorchis albida (Small White Orchid)	1	753733	1981	SSSI	Cae'r-meirch
Puccinellia distans (Reflexed Poa)	3	[457628]	1984		Aberaeron
		523687	2000		Llanrhystud
		578796	2000		Tan-y-bwlch
		616910#	2000	NNR	Leri
		64- 93-	1970		NW of Tre'r-ddol
		651932	1988		NW of Tre'r-ddol
Radiola linoides	3	180516	1987		W of Mwnt

(Allseed)		614914+	2000	NNR	Aberleri Fields	
		617928+	2000	NNR	Cors Fochno	
Ranunculus aquatilis (Common Water-crowfoot)	1	594803	1979		Pen-y-bont	
Ranunculus auricomus (Goldilocks)	2	193436 210432 212437	1999 2000 1999	NNR WTWW Coed M B Goddard W of Llechryd	Coedmor	
Ranunculus baudotii (Brackish Water-crowfoot)	2	607924 609889 612916	1999 1994 1997	SSSI NNR	Moel Ynys Borth Aberleri Fields	
Ranunculus hederaceus (Ivy-leaved Crowfoot)	60+	B				
Ranunculus x novae-forestae (A hybrid Crowfoot)	1	222502	2000		Felin-wynt	
Ranunculus parviflorus (Small-flowered Buttercup)	6	161485 199521 244519+ 282515 314546 446621	1996 1993 1997 1996 1996 1999	SSSI NT	Pen yr Ergyd Mwnt DERA Aber-porth Dyffryn-saith Lochtyn Clogfryn	
Ranunculus penicillatus ssp penicillatus (Stream Water-crowfoot)	60+	B	295408 315467 321453 355419 397455 410440 416419 419479 442450 450435 523491 534472 578494 581487 585795 597515 608532 639557 639570 680597	1978 1997 1997 1996 1984 1984 2000 2000 1978 2000 1978 2000 1978 1994 1996 1982 1978 1996 1997 1997	SSSI SSSI SSSI Afon Cwerchy Afon Cerdin Afon Cerdin Afon Cerdin Afon Cletwr Afon Cletwr Afon Cletwr Afon Granell Afon Granell Afon Dulas Afon Dulas Afon Ystwyth Afon Dulas Afon Dulas Nant Bryn-maen Nant Bryn-maen Afon Brenig	Afon Ceri Felin Wnda Afon Ceri Afon Cwerchy Afon Cerdin Afon Cerdin Afon Cerdin Afon Cletwr Afon Cletwr Afon Cletwr Afon Granell Afon Granell Afon Dulas Afon Dulas Afon Ystwyth Afon Dulas Afon Dulas Nant Bryn-maen Nant Bryn-maen Afon Brenig Also occurs along Teifi from 201428 to 707664 in quantity and along Aeron from 457625 to 570576.
Ranunculus penicillatus ssp. pseudofluitans (Calcareous Water-crowfoot)	3	B	255419 371404 605528	1980 1986 1993	SSSI	Afon Teifi Afon Teifi Llangybi
Ranunculus sardous (Hairy Buttercup)	3		163498 206472 615933	1991 1993 2000		Gwbert Crugmore Ynys-las

		619930	1993		Ynys-las
Ranunculus trichophyllum (Thread-leaved Water-crowfoot)	2	606923	1989	SSSI	Moel Ynys
		608937	2000	NNR	Ynys-las
		611919	2000	NNR	Aberleri Fields
Ranunculus tripartitus (Three-lobed Crowfoot)	1	R 222502	1999		Felin-wynt
Raphanus raphanistrum ssp maritimus (Sea Radish)	3	162517	1968	WTWW	Cardigan Island
		194519	1996	NT	Mwnt
		579806	2000	SSSI	Tan-y-bwlch
		580799	2000		Tan-y-bwlch
* Reseda lutea (Wild Mignonette)	2	373403 [59- 80-] [60- 93-] 581810	1985 1966 1976 1996	Aberbachnog Aberystwyth NNR Ynys-las Aberystwyth	
Rhynchospora fusca (Brown Beak Sedge)	2	S 620922 635921 642912 [68- 63-]	2000 1991 1999 1980	NNR SSSI NNR NNR	Cors Fochno Cors Fochno Cors Fochno Cors Caron
		235433 253413 268415 286435 312405+ 341408 374402 392396 396407 574492 579488 618756 661563	1993 1999 1999 1999 2000 2000 1996 1994 1994 1997 1996 2000 1997	SSSI SSSI SSSI SSSI SSSI SSSI Aberbachnog Bercoeduchaf Penffynnon Lodge Wood Lampeter Llanilar Pant	Llwynduris Stradmore Cenarth Brongwyn Newcastle Emlyn
Rosa x andegavensis (A hybrid Rose)	2	197486 437613	2000 1995	SSSI	Banc y Mwldan Gilfach-yr-halen
Rosa x dumetorum (A hybrid Rose)	1	198486	2000	SSSI	Banc y Mwldan
Rosa x involuta (A hybrid Rose)	1	245524	1994	SSSI	DERA Aber-porth
Rosa obtusifolia (Round-leaved Dog-rose)	1	663789	2000		Glanrheidal
Rosa rubiginosa (Sweet-briar)	1	176461	2000		Cardigan
Rosa x scabriuscula (A hybrid Rose)	1	201488	1999	SSSI	Llwyn-llwyd
Rosa sherardii x micrantha (A hybrid Rose)	1	384589	1992		Capel Maen-y-groes
Rosa stylosa (Short-styled Field-rose)	1	437613	1999		Gilfach-yr-halen

Rosa x toddiae (A hybrid Rose)	1	201489	2000	SSSI	Banc y Mwldan
Rubia peregrina (Wild Madder)	3	292524 296528 329552 342561	1996 2000 1997 1981	SSSI	Creigiau Penbryn Penbryn Trwyn Crou Penmoelciliau
Rubus saxatilis (Stone Bramble)	5	746786 783496 800554 803835 805514	1994 1985 1996 1996 1988	NNR	Coed Rheidol Nant Brianne Nant Cwm-du Hirgoed-ddu Llyn Brianne
! Rubus spectabilis (Salmonberry)	1	337469	1999		Gwernant
Rumex crispus ssp uliginosus (Curled Dock)	2	189453 616900+ 654929	2000 2000 2000	SSSI	Rosehill Marsh Leri Cletwr
Ruppia maritima (Beaked Tasselweed)	4	610889 616928 634936 646941 691967 696971	2000 1999 2000 2000 2000 2000	NNR SSSI	Glanwern Ynys-las Dyfi Clettwr Glandyfi Glandyfi
Sagina nodosa (Knotted Pearlwort)	1	607938+	2000	NNR	Ynys-las
! Salix eriocephala (Heart-leaved Willow)	1	588778	1998		Llanfarian
Salix herbacea (Dwarf Willow)	1	789872	2000	SSSI	Pumlumon
Salix triandra (Almond Willow)	3	192436+ 195444 508578# 558559# 559566# 629811	1999 1999 1981 1974 1996 2000	NNR NNR	Coedmor Coedmor Ciliau Aeron Abermeurig Llundain-fach Lovesgrove
! Sambucus ebulus (Danewort)	1	388600	2000		New Quay
Sanguisorba minor ssp minor (Salad Burnet)	3	244525+ 537699 560721	2000 2000 1998	SSSI	DERA Aber-porth Llanrhystud Llanddeiniol
Saxifraga granulata (Meadow Saxifrage)	1	745785 749789	1992 1998	NNR NNR	Coed Rheidol Coed Rheidol
Saxifraga hypnoides (Mossy Saxifrage)	2	783863 797875	1980 2000	SSSI SSSI	Nant y Moch Pumlumon
Saxifraga stellaris (Starry Saxifrage)	4	744780 775880 784862	1998 1999 1990	NNR SSSI	Coed Rheidol Maesnant Nant y Moch

		793875+ 807889	2000 1999	SSSI SSSI	Pumplumon Cwm Gwerin
Saxifraga tridactylites (Rue-leaved Saxifrage)	3	163491 591810 610940	1999 1990 2000	SSSI Plas-crug NNR	Pen yr Ergyd Ynys-las
! <i>Schizostylis coccinea</i> (Kaffir Lily)	1	254512	2000		Aber-porth
Schoenus nigricans (Black Bog Rush)	4	608938+ 61- 90- + 614908 614914 646939 674955	2000 2000 1987 2000 1988 1991	NNR NNR SSSI NNR SSSI SSSI	Ynys-las Cors Fochno Morfa Borth Aberlери Fields NW of Tre'r-ddol Ynys-hir
* <i>Scrophularia scorodonia</i> (Balm-leaved Figwort)	1	S 598811	1999		Llanbadarn Fawr
! <i>Scrophularia vernalis</i> (Yellow Figwort)	1	598810	1999		Llanbadarn Fawr
Sedum forsterianum (Rock Stonecrop) (Native sites only)	7	S 250523 296528 713856 714790 742775 745783 770482 778472 785470	2000 2000 1994 1999 1998 1998 1998 1998 1972	SSSI SSSI NNR SSSI NNR SSSI SSSI SSSI	Cribach Bay Penbryn Craig y Pistyll Coed Simdde-lwyd Devil's Bridge Coed Rheidal Craig Ddu Craig Clyngwyn Penrhiewbie
Selaginella selaginoides (Lesser Clubmoss)	3	787531 795513+ 775542 777547	2000 1996 2000 1999	SSSI SSSI SSSI SSSI	Soar y Mynydd Camddwr Nant-y-graig Camddwr
! <i>Sempervivum tectorum</i> (House-leek)	1	[699837] 702838	1991 1994	SSSI SSSI	Cwmsymlog Cwmsymlog
Sibthorpia europaea (Cornish Moneywort)	3	S 379399 394450 408403	2000 1999 2000		Bangor Teifi Fforest-Cerdin Pont Tyweli
Silene gallica (Small-flowered Catchfly)	3	BS 198521 201487 364578	1999 1996 1987	NT	Mwnt Penparc Pen-y-graig
Silene uniflora x vulgaris (A hybrid Campion)	3	685830 696828 703824 739911	1992 1992 1992 2000		Cwmdarren Cwmerfyn Cwmerfyn Esgair Fraith
! <i>Sisyrinchium montanum</i> (Blue-eyed Grass)	1	610940	1992	NNR	Ynys-las
! <i>Solanum nigrum</i> ssp <i>schultesii</i> (Black nightshade)	1	712787	1995		Cwm Rheidal
! <i>Sorbus croceocarpa</i>	1	598854	2000		Rhosgellan-fawr

(A Whitebeam)

<i>Sorbus torminalis</i> (Wild Service-tree)	12	170462 194445 206431+ 245525 421585 428604 479588 482635 487627+ 547649 558699 603536	1999 1998 1998 2000 1988 1996 1988 1989 1992 2000 1994 1996	SSSI NNR NNR SSSI Allt Castell-geifr Afon Drywi Allt yr Haern Aber-arth Coed Allt Craig Arth Nebo Cwm Wyre NW of Llangybi	Netpool Wood Coedmor Coedmor DERA Aber-porth Allt Castell-geifr Afon Drywi Allt yr Haern Aber-arth Coed Allt Craig Arth Nebo Cwm Wyre NW of Llangybi
<i>Spiranthes spiralis</i> (Autumn Lady's Tresses)	2	195521 611939	1990 2000	NT NNR	Mwnt Ynys-las
<i>Spirodela polyrhiza</i> (Greater Duckweed) (Native site only)	1	253413	1994	SSSI	Stradmore
! <i>Staphylea pinnata</i>	1	332412	2000		Llandyfriog
<i>Stellaria nemorum</i> ssp <i>glochidosperma</i> (Wood Stitchwort)	2	668920 719975 [753976]	2000 2000 1975	SSSI SSSI	Coed Cwm Cletwr Llyfnant Llyfnant
<i>Stellaria pallida</i> (Lesser Chickweed)	2	162487 609936+	1996 2000	SSSI NNR	Pen yr Ergyd Ynys-las
<i>Subularia aquatica</i> (Awlwort)	4	603645 607669 790679 798649	2000 2000 2000 1998	SSSI NNR SSSI SSSI	Llyn Fanod Llyn Eiddwen Llyn Hir Llyn Gynon
! <i>Symphytum bulbosum</i> (Bulbous Comfrey)	1	598810	2000		Llanbadarn Fawr
! <i>Symphytum grandiflorum</i> (Creeping Comfrey)	1	441457	2000		Rhydowen
! <i>Symphytum tuberosum</i> (Tuberous Comfrey)	1	596763	1999		Aber-mad
* <i>Thalictrum flavum</i> (Common Meadow-rue)	2	676943 685956	2000 2000		SW of Furnace Eglwys-fach
<i>Thlaspi caerulescens</i> (Alpine Penny-cress)	1 S	589779 [592777] [62- 75-] [651745] [683712] [685830] [688816] [696829] [700837]	1997 1985 1987 1982 1979 1982 1987 1987 1987	SSSI	Llanfarian Llanfarian Llanilar Felindyffryn Llanafan Cwm Darren Goginan Cwmerfyn Cwmsymlog

Torilis nodosa (Knotted Hedge-parsley)	2	247516 583804	1999 2000	DERA Aber-porth Pendinas	
! Tragopodon porrifolius (Salsify)	3	[180458] 439595 441595 454629 477633 [580806]	1973 1999 2000 1985 1982 1994	Cardigan Llwynlyn Llwynlyn Aberaeron Aber-arth Aberystwyth	
Trichomanes speciosum sporophyte (Killarney Fern)	1	BH RW	2000	NNR	
				Also 36 sites for gametophyte	
Trifolium fragiferum (Strawberry Clover)	2	606925 610940+ 616910#	1991 2000 1999	SSSI NNR NNR	Ynys-las Ynys-las Leri
Trifolium incarnatum (Crimson Clover)	1	488597	1987		ESE of Llanaeron
Trifolium ornithopodioides (Fenugreek)	8	161488 167498 194520 242524 453629 584827 588814 607911 610940	1996 1998 1998 1997 1998 1997 1996 1987 1998	SSSI Gwbert NT SSSI Aberaeron Constitution Hill Aberystwyth N of Borth NNR	Pen yr Ergyd Mwnt DERA Aber-porth Aberaeron Ynys-las
Trifolium scabrum (Rough Clover)	5	162487+ 193520+ 579816 580802 606926 607890 607904+ 610940	1999 1994 2000 2000 1991 1996 2000 1999	SSSI NT SSSI SSSI NNR SSSI Borth Ynys-las	Pen yr Ergyd Mwnt Aberystwyth Castle Tan-y-bwlch Ynys-las Borth Borth Ynys-las
Trifolium subterraneum (Subterranean Clover)	4	197521+ 492649 534703 [588815] 590851	1993 2000 1995 1978 1995	Mwnt SW of Morfa-mawr Llanrhystud Aberystwyth Wallog	
Trollius europaeus (Globeflower)	16	[518501] 616650 626635 673589 682877 729579 745498 747649 749788 755546 756789 757663 758668 766501	1984 1998 1990 1980 1979 1989 1979 1995 1977 1995 1998 1975 1998 1983	SSSI SSSI SSSI Trecefel N of Elerch Cwm Berwyn Pwll Uffern Coed Cornwall-fach Ysbyty Cynfyn Doethie Fach Ysbyty Cynfyn ENE of Strata Florida Rhos Gargoed SSSI	Nant Marda Rhos Bryn-wichell Cae Ffosyrodyn Trecefel N of Elerch Cwm Berwyn Pwll Uffern Coed Cornwall-fach Ysbyty Cynfyn Doethie Fach Ysbyty Cynfyn ENE of Strata Florida Rhos Gargoed Cwm Doethie

		772476	1978	SSSI	Troedrhiwrhuddwen
		783496	1985		Nant Brianne
		840754+	1995		E of Pont Blaen
Ulex gallii (Western Gorse)	B			Numerous sites	
! <i>Ulmus laevis</i> (European White-elm)	1	593793	2000		Rhydyfelin
<i>Utricularia australis</i> (Western Bladderwort)	4	616915 618917 635924+ 649926+ 662932 668940 671594	2000 1996 1999 1992 1996 1993 1986	NNR NNR NNR Llancynfelin Lodge Park Hen-hafod SSSI	Aberleri Fields Cors Fochno Cors Fochno Llancynfelin Lodge Park Hen-hafod Gwaun Ystrad Caron
<i>Vaccinium x intermedium</i> (A hybrid Bilberry)	1	687634	2000	NNR	Cors Caron
Valeriana dioica (Marsh Valerian)	1	549636	1999	SSSI	Rhos Tal-glas
! <i>Valeriana phu</i> (A Valerian)	2	473595 491566	2000 2000		Neuadd-lwyd Dihewyd
Valerianella dentata (Narrow-leaved Cornsalad)	4	B 169509 200520 227498 237517	1996 1991 1992 1997		Gwbert Mwnt Felin-wynt Careg Wynt
<i>Valerianella locusta</i> ssp <i>dunensis</i> (A Common Cornsalad)	3	163486 197518 608937	1998 1992 2000	SSSI NT NNR	Penyrgedyd Mwnt Ynys-las
* <i>Verbascum lychnitis</i> (White Mullein)	2	S 178461 567576	1982 1992		Cardigan Winllan
* <i>Verbascum nigrum</i> (Dark Mullein)	1	611825	1986		Comins Coch
! <i>Verbascum phlomoides</i> (Orange Mullein)	3	581804 605804 661801	2000 1990 1995		Felin y Mor Llanbadarn Fawr Capel Bangor
* <i>Verbascum pulverulentum</i> (Hoary Mullein)	1	178461	1993		Cardigan
! <i>Verbascum speciosum</i> (Hungarian Mullein)	1	373592	2000		Grogal
! <i>Verbascum virgatum</i> (Twiggy Mullein)	2	[581807] 584815 598810 622787	1962 1998 1996 1999		Penyrangor Aberystwyth Llanbadarn Fawr Nanteos
Verbena officinalis (Vervain)	3	[186456] 250519 269416 654927	1995 1998 2000 1991	SSSI SSSI SSSI	Teifi Marshes DERA Aber-porth Cenarth Tre'r-ddol

Vicia lathyroides (Spring Vetch)	5	162487+ 352408 446621 534703 541700 610940	2000 1986 1997 1994 1997 1981	SSSI NNR	Pen yr Ergyd Henllan Clogfryn Llanrhystud Llanrhystud Ynys-las
Vicia orobus (Wood Bitter Vetch)	22	[520658] 582608 588610 617617 623649 626635 634649 635694 636619 638689 [643664] 644644 658651 658664 667657 718690 723696 724649+ 726699 727702+ 729699 733715 742509 743693 743721 758668 758789 765668 785475 790524+	1978 1992 1992 1989 1994 1996 1998 1998 1998 2000 1976 1997 2000 1998 1998 1998 1998 1998 1998 1999 1999 1997 1994 2000 1999 1999 1999 1999 1999 1999 1999 1999 1999 2000		Tryal-bach Penuwch Gwenffrwd Gilfachgwyddil Blaenpennal Cae Ffosyrodyn Blaenpennal Blaen-waun Rhydypandy Cwmyrolchfa Bronant S of Bronnant Blaenyresgair Camddwr Camddwr Hendre Quarries Hendre Quarries Wernfelen Ysbyty Ystwyth SSW of Ysbyty Ystwyth Ysbyty Ystwyth Ysbyty Ystwyth Brynambor Ffair-rhos Pontrhyd-y-groes Rhos Gargoed E of Ysbyty Cynfyn E of Rhos Gargoed Tywi Nant Llwyd
! Vicia sativa ssp sativa (A Common Vetch)	1	609805	1994		Glanyrafon
Vicia sylvatica (Wood Vetch)	5	250522 311543 372593 552 733 597878	2000 1999 1987 1983 1996	SSSI SSSI SSSI SSSI	DERA Aber-porth Llangranog Craig yr Adar Creigiau Pen-y-graig Borth
Viola canina (Heath dog-violet)	2	160485 608939+	1995 2000	SSSI NNR	Pen yr Ergyd Ynys-las
Viola lactea (Pale Dog Violet)	2	S 239524+ 460587 463588 [495633]	2000 1995 1992 1988	SSSI SSSI NT	DERA Aberporth Rhos Cwmsaeson Cwmsaeson Hengwrt
Viola lactea x riviniana (A hybrid Violet)	3	196521 239524 751736	1996 1998 1996	SSSI SSSI SSSI	Creigiau Mwnt DERA Aberporth Cae'r Meirch
Vulpia fasciculata	3	S 161486	1999	SSSI	Pen yr Ergyd

(Dune Fescue)		293524	2000	NT	Penbryn
		604929+	2000	NNR	Ynys-las
STONEWORTS					
Chara aspera (A Stonewort)	1	610939	1998	NNR	Ynys-las
Chara contraria var. hispidula (A Stonewort)	1	610939	2000	NNR	Ynys-las
Nitella flexilis s. s. (A Stonewort)	1	368530	2000	SSSI	Rhos Pil-bach
Nitella gracilis (Slender Stonewort)	1	R 797645	1998	SSSI	Llyn Gynon
Nitella translucens (Translucent Stonewort)	4	S 446597 453585 490613 603644 605670 680943#	1993 1993 1992 2000 1994 1999	NT SSSI NNR	Llwyncelyn Cwmsaeson Monachty Llyn Fanod Llyn Eiddwen Furnace
Tolypella glomerata (Clustered Stonewort)	1	S 607932 611939	1997 1999	SSSI NNR	Ynys-las Ynys-las

APPENDIX OF EXTINCT SPECIES

<i>Agrostemma githago</i> (Archaeophyte) (Corncockle)	9	R 1--4-- 2--4-- 2--5-- 2--5-- 4--5-- 4--6-- 5--7-- 5--8-- 5--8--	pre-1935 pre-1935 1941 1936 pre-1935 pre-1935 1905 pre-1935 1849	Cardigan Llechryd Careg Wynt Tresaith Talgarreg Aberaeron Llanfarian Penparcau Penglais	
<i>Arctium lappa</i> (Archaeophyte) (Greater Burdock)	1	182455	1993	SSSI	Pentood
<i>Blysmus rufus</i> (Saltmarsh Flat-sedge)	1	622902	1978	NNR	Cors Fochno
<i>Carex divulsa</i> ssp <i>divulsa</i> (Grey sedge)	1	18-45-	?c.1975	SSSI	Teifi Marshes
<i>Centaurium littorale</i> (Seaside Centaury)	1	S 6--9--	1955	?NNR	Ynys-las
<i>Cephalanthera longifolia</i> (Narrow-leaved Helleborine)	1	S 683949	1985		Furnace
<i>Chamaemelum nobile</i> (Chamomile)	3	S 46-61- 322531 5-7--	1899 1924 1950-62	Comins Aberaeron Llain-wen	
<i>Chara hispida</i> (A Stonewort)	1	607923	1938	SSSI	Moel Ynys

Chenopodium bonus-henricus (Archaeophyte) (Good-King-Henry)	11	4--4-- 4--5-- 499523 5--5-- 5--6-- 558747 642840 6--8-- ?6--8-- 6--9-- 715797	pre-1935 pre-1935 1987 pre-1935 pre-1935 pre-1951 pre-1935 pre-1935 1941 pre-1979 pre-1935	Cwrnewydd Dihewyd Troed-y-rhiw Cribyn Llanrhystud Mynachdy'r-graig Penrhyn-coch Bow Street Borth Ynys-las Bwa-drain
Dianthus armeria (Deptford Pink)	1	R 588799	1954	Pendinas
Drosera x belezziana (A hybrid Sundew)	1	6--9--	1941	?NNR Cors Fochno
Eleocharis acicularis (Needle Spike-rush)	1	6--9--	?c.1900	?SSSI Borth
Euphorbia peplis (Purple Spurge)	1	R ?5--8--	c.1805	?SSSI Aberystwyth
Fumaria muralis ssp muralis (Common Fumitory)	3	?3--5-- 4--6-- 1--4--	1899 1899 1935	New Qay Aberaeron Cardigan
Gentianella campestris (Field Gentian)	16	1--5-- 1--5-- 2--4-- 22-51-- 2--5-- ?5--6-- ?5--7-- 5--7-- 6--5-- 602774 7--4-- 7--6-- 7--7-- 7--7-- 72-72- 72-75-	1958 1938 1930 pre-1935 pre-1954 1907 1939 pre-1954 1905 1906 1979 1906 1984 1905 1893 1924	Nantfflyman Blaenannerch E of Mwnt Tresaith Llanrhystud N of Llangwyryfon ?Brynyrychain Trecefel Ty-llwyd SSSI Tywi-Pysgotwr confluence SE of Strata Florida
Gnaphalium sylvaticum (Heath Cudweed)	2	4--5-- 7--7--	1928 pre-1825	Crug Cou Hafod
Hieracium eustomum (A Hawkweed)	1	2--5--	1928	SSSI Penbryn
Hieracium "deganwyense" (subrude) (A Hawkweed)	2	78-47- 79-80-	1896 1929	SSSI Tywi ?SSSI Blaenmyherin
Lepidium campestre (Archaeophyte) (Field Pepperwort)	1	3--5-- 4--6--	1958 1955	Llangranog
Mertensia maritima (Oysterplant)	1	S ?5--8--	pre-1873	?SSSI Aberystwyth
Minuartia verna	1	S 68- 81-	1979	Goginan Lead Mine

(Spring Sandwort)

<i>Paris quadrifolia</i> (Herb Paris)	1	588770	1974	SSSI	Coed Nant Llolwyn
<i>Parnassia palustris</i> (Grass-of-Parnassus)	1	7--7--	1926		Ysbyty-cynfyn
<i>Persicaria mitis</i> (Tasteless Water-pepper)	1	S 374402	1930	SSSI	Abermachnog
<i>Petroselinum segetum</i> (Corn Parsley)	1	B 2--5--	1941		Felin-wynt
<i>Pilularia globulifera</i> (Pillwort)	2	BS ?47-62- 79-64-	pre-1935 1964	SSSI	Aber-arth Llyn Gynon
<i>Potamogeton perfoliatus</i> (Perfoliate Pondweed)	2	3--4-- 4--4--	1934 1934	SSSI	Newcastle Emlyn Llandysul
<i>Prunus padus</i> (Bird Cherry)	4	6--6-- 606784 7--6-- 7--9--	pre-1935 pre-1935 1950-62 1938	Tregaron Beulah Chapel ?SSSI	Llyfnant
<i>Ranunculus arvensis</i> (Archaeophyte) (Corn Buttercup)	1	591794	1905		Crugiau
<i>Ranunculus fluitans</i> (River Water-crowfoot)	1	7--6--	1927	?NNR	Cors Caron
<i>Rorippa microphylla</i> (Narrow-fruited Water-cress)	1	6--8--	pre-1968		
<i>Viscum album</i> (Mistletoe)	2	629836 668654	1985 c.1960	Gogerddan Trecefel	
<i>Scandix pecten-veneris</i> (Archaeophyte) (Shepherd's-needle)	1	S 2--5--	1941	?SSSI	Pennar-uchaf
<i>Seriphidium maritimum</i> (Sea Wormwood)	1	4--6--	pre-1935		Aberaeron
<i>Silene conica</i> (Sand Catchfly)	1	S ?5--8--	1903		Aberystwyth
<i>Teesdalia nudicaulis</i> (Shepherd's Cress)	1	593817	1904		Aberystwyth
<i>Viola reichenbachiana</i> (Early Dog-violet)	1	3--4--	1941		Ceri valley